

Abstract

GENERATING IMAGES QUICKLY IN RASTER IMAGE PROCESSING

A raster image processing system which supports multiple rendering/screening approaches, and selects an optimal approach suited for the specific images to be generated. In an embodiment, images may be rendered using either back-end screening approach or pipelined screening approach. Several variables may be measured to determine which one of the two consumes minimal time for a specific image to be rendered, and the approach consuming minimal time is selected. Typically, back-end screening is selected when multiple overlapping objects are present, and pipelined screening is selected otherwise.

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